

ABSTRACT

A grinding head (10) includes a grinding bowl (12) provided with a boss (14) fixed to a bottom wall (16) of the bowl (12) and projecting into the bowl (12). The head (10) also includes a grinder ring (18) that is locatable over the boss (14) and freely moveable within the bowl (12). A lid (30) closes the bowl to prevent the escape of a mineral sample during grinding.